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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

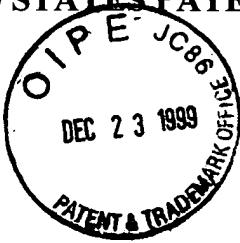
In re Patent Application of

**MANNINGS et al**

Serial No. 08/793,502

Filed: March 20, 1997

For: **NAVIGATION INFORMATION SYSTEM**



Atty. Ref.: 36-1001

Group: 3642

Examiner: Blum

\* \* \* \* \*

December 23, 1999

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT UNDER 37 C.F.R. §1.116  
AND  
INFORMATION DISCLOSURE STATEMENT**

*Enter  
MSB*  
In response to the Office Action dated 11/04/99, please amend the above-identified application as shown below to overcome formal objections:

**IN THE CLAIMS**

Amend independent claims 1, 17 and 32:

*GX*

1. (Thrice Amended) A navigation information system for providing information to a mobile user dependent on the location of the mobile user, the system comprising: